



South Delta Fish Facility Forum

***Recommendations from November 3
Meeting***

January 6, 2003



South Delta Fish Facility Forum Proposals

- ◆ South Delta Hydrodynamics/Fisheries Investigations
- ◆ Collection, Handling, Transportation, and Release (CHTR)
- ◆ South Delta Fish Facility Improvements
- ◆ Clifton Court Forebay – Diversion Facility Location Options
- ◆ Alternative Fish Facility Concepts using Combinations of Non-Salvage Screens and Flow Recirculation
- ◆ Fish Facility Technology Development - Tracy Fish Test Facility



South Delta Hydrodynamics and Fisheries Investigations

- ◆ *Develop a scientific proposal on South Delta Hydrodynamics and Fish moments for initial implementation this spring*
 - *Consider possible opportunities to add additional water quality constituents and study components that may affect fish survival and movements*



CHTR

- ◆ *Continue with CHTR survival studies incorporating comments from CBDA Science and IEP review*
 - *Develop scientific proposals on release site investigations, expanding scope to include impacts on all fish species (i.e. not just delta smelt)*
 - *Develop performance measures for CHTR that will guide future stage developments*
 - *Develop stepwise proposal for implementing new technologies at facilities for all species, considering the most cost effective actions first.*



South Delta Fish Facility Improvements

- ◆ *Fix and maintain facilities to bring fish salvage to original function*
- ◆ *Implement cost effective facility improvements when possible (such as an automatic trash rack cleaner, lift bucket improvements, etc.)*



Clifton Court Forebay - Diversion Facility Location Options

- ◆ *Conduct pre-feasibility analysis on proposed “module” and “short circuit” options that have the potential to reduce predation in CCF*
- ◆ *Develop performance measures on predation and salvage efficiency to guide efforts*



Alternative Fish Facility Concepts using Combinations of Non-Salvage Screens and Flow Recirculation

- ◆ *Complete South Delta hydrodynamic and fish movement investigations before investigating these concepts further*



Fish Facility Technology Development - Tracy Fish Test Facility

- ◆ *Consider a recommendation in more detail
at next SDFP meeting...*